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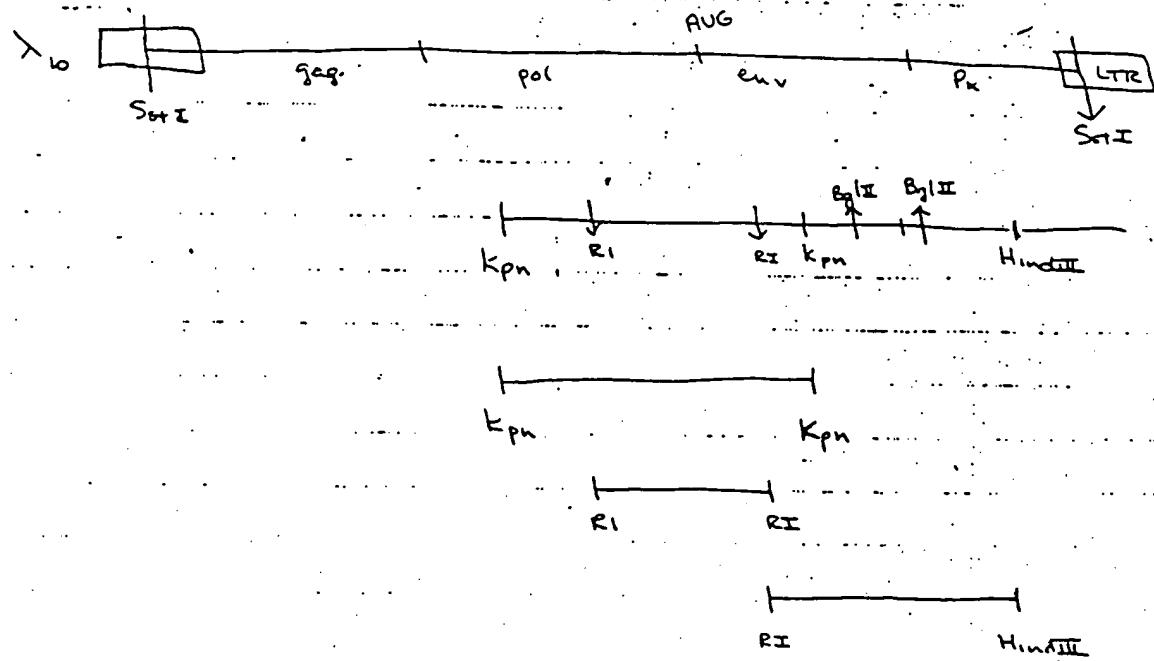
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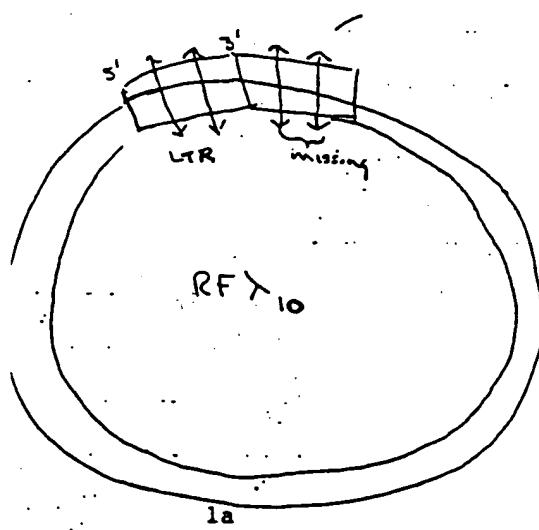
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FIGURE 1



1b

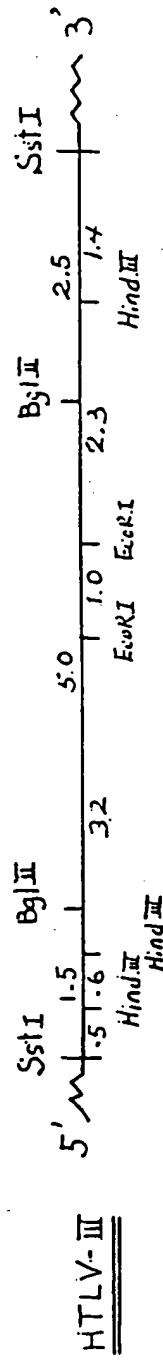


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FIGURE 2

< LTR | gog | pol | env | px | LTR >

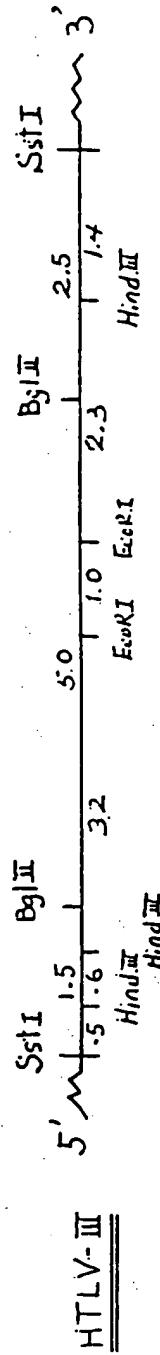


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FIGURE 2

> LTR | gag | pol | env | px | LTR <



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FIGURE 2

> LTR | gay | pol | env | px | LTR <

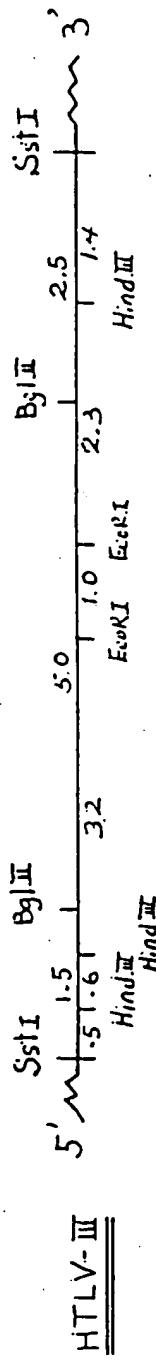


FIGURE 3 (A)

10 20 30 40 50 60 70
ATGAGCTTG TATTAACCGA TTAA 300 T11GCGAGATG TGTCAATTTC AGTAAAGCAT AGTAAAGCGC
80 90 100 110 120 130 140
GCCGATGATG ATATGGGATG CTTGAAAGTA GACGGGAGTA AAGCTGAGTC AGAGGTTAGTC AGTCAAGATG
150 160 170 180 190 200 210
AGAGGTTT AGTAAAGGAGG GAAACGCTT AGCTGGGATG CCTACCGCGA CGAAAGGAA TTAGGAGGAA
220 230 240 250 260 270 280
GAGACGGTCG GATTAATTAAC TCGGGCTCG AGTCGGGAA AATGTAATTTT TACATGGGATG AGTAAAGCC
290 300 310 320 330 340 350
TAATGATTC AGTACGATA TA CGAGCTAATG TCGAGGAGAT TCGCTGATGA TTTTACGTTG CGAGGTTAAG
360 370 380 390 400 410 420
ACGAGGAA AGTGGTAAACG AGCTGTTGTA AGTGTGACGT AAAGGGAGAG CGCATGCGATG GACAGGAGCA
430 440 450 460 470 480 490
TGTAGGCAG CCGTAATGCG AGCTGAGATG TACACATTG GAGGAAAGG TTATCGCTGT AGCGTTTGT
500 510 520 530 540 550 560
TAACGACTG GATATATAGA AGCGAGAGCTT ATTCGACCGAG AAACAGGGCA CGAAACACCA TATTTTCTTT
570 580 590 600 610 620 630
GAGATTTGC AGGAGATG CGCTTAAAGA CGATACATAC AGACAATGCC ACCAATTTCG CGAUCCGAG
640 650 660 670 680 690 700
GTTAAAGCG CGCTGTTGGT CGCGGGGAACT CGACGGGAGT TTTCGAAATTC CGTACAAATCG CGAAGCTGAA
710 720 730 740 750 760 770
AGCTGAGTG AGTCTATGAA TAAAGAAATTA AGAAAATTA TGGAGAGGT AGAGAGTCAG CGTGAACATC
780 790 800 810 820 830 840
CTTACGACAGC AGTACAAATG CGAGTATTCA TCCACAAATTG TAAAGAAAA CGGGGGGATTC CGCGGCTACG
850 860 870 880 890 900 910
CGCAGGGGAA AGAATAGTAG AGATAATAGC AACASACATA CAAACTAAAG AATTACAAAA AGAAATGAA
920 930 940 950 960 970 980
TAAATTCAGG ATTTTCCGGT TTATTACAGG GAGGAGGAA ATCCACTTG GAAAGGACCA CGAAATTCAG

FIGURE 3 (A)

10 20 30 40 50 60 70
ACAGATTC TATGAGCG ATTA AGCTT TTGAGGTTT TCAAGATTA AGTAAGATC AGTAAAGCG
80 90 100 110 120 130 140
GCGATATG CATTAGGAA CATTGAGGA CACGTGAGTA AACGCGGTC AGAGTTTTC AGTGGATTA
150 160 170 180 190 200 210
AGGATGTT AGTGGAAAG CGAACGCTT AGTGCGGATG CCTACCGCGA CGCAAGGAA TTGGAGGAA
220 230 240 250 260 270 280
GAGACAGTC GAGGATTAAC TCGAGTGGCG AGTCGAGAA ATGCTATTT TACATCGGAT AGCTAGCGC
290 300 310 320 330 340 350
GGATATTC AGTACGATA TCAGGAGAT TGGCTAGTC AATTAAGCTT CGAGGTTT GCGATGTTAAG
360 370 380 390 400 410 420
ACGAGGAA AGTAGTAAAC AGCTTGTTA AGTGTCACTT AAAAGGAGAG CGCATCCATG GCGAGTACA
430 440 450 460 470 480 490
TGTAGGC CGTATGAGG AGCTAGATTG TACACATTG GAGGAGAAAG TTATCCTGCT AGGAGTCTAT
500 510 520 530 540 550 560
TACCGACTG CGATATATGAG AGGAGAGCTT ATTCGACCGAG AAACAGGGCGA CGAAACACCGA TATTTTCTTT
570 580 590 600 610 620 630
AGGATTCG AGGAAAGATG CGCTTAAAGA CGATACATAC AGACATGCC AGCAATTTCG CGATGCGTAC
640 650 660 670 680 690 700
GTTAAAGCG CGCTGTTGGT CGCGGGGAAAT CGACGGGAG TTTGGAAATTC CGTACAAATCG CGAAGCTGA
710 720 730 740 750 760 770
AGCTAGTG AATCTATGAA TAAAGAAATTA AGAAAATTA TAGGAGAGGT AAGAGATCAG GCTGAAACATC
780 790 800 810 820 830 840
TTAGGACAGC AGTACAAATG CGCTTATTC CGCAGAAATTT TAAAGAAAAA CGGGGGGATTG GGGGGTACAG
850 860 870 880 890 900 910
CGAGGGGAA AGAATAGTAG ACATAATAGC AACAGACATA CAAACTAAAG AATTACAAAAA ACAAATGAA
920 930 940 950 960 970 980
TAAATTCAGG ATTTTCCGGT TTATTACAGG GAGGAGGAA ATCCACTTTC GAAAGGACCA CGAAATTCG

FIGURE 3 (A)

10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

AGAGATGAG TCGCAAGCA TTAA AGAC TTTGGAGAG TGAGGATTCG AGTAATCT AGTACAGCG
 GCGATATGAT CATTACGATG CATTCAAGTA CACGCAAGATG AAGCTGATTC AGAGATTCG AGTACAGCG
 AGATGTT AGTACAGCG AGAACGCTTG ATCTCGAAGC CGTACCGCGA CACGCAAGATG TTGAGAGCG
 GAGACAGTC GATTAATTAAC TCGAGCTCG AGTACAGCGA ATGATATTTT TACATGCGAT AGTACAGCG
 TGGATAGC AGTACAGCGA TCAGGAGCGAT TGCGTATGCA TTTCAGCTG AGTACAGCG AGTACAGCG
 AGCAAGCG AGTACAGCG AGCTGCTTA AGTACAGCG AGAACGCGAT AAAGAGGAG AGTACAGCG AGTACAGCG
 TGTAGCG CCGATATGAG AGCTGAGATTG TACGATTTA GAGCAAGAG TTATCGCTGT AGTACAGCG
 TACGGACTG GATATATGAG AGGAGAGCTT ATTCGACCG AGAACGGGCG CGAACGCGAG TATTTTTTT
 AGAGATGAG AGGAGAGCTG CGAGTAAAAA CAATACATAC AGACAATGCC AGCAATTTCG CGAGTGGAG
 GCTTACGGCG CGCTGTTGGT GCGCGCGAGT CAACGAGGA TTTCGAAATTC CGTACAGCG CGAACGCG
 AGTACAGCG AGTCTATGAG TAAAGAATTG AGAAAATTG TAGGACAGGT AGGAGATCG AGTACAGCG
 TTAAGACAGC AGTACAAATG CGCTGTTTCG TCCACAAATTG TAAAGAAGAG CGGGGGGATTG GCGGGTACAG
 CGCAGGGGAA AGAATAGTAG ACATAATAGC AACAGACATA CAAACTAAAG ATTACAAAAA AGTACAGCG
 TAAATTCAAATTTTGGT TTATTACAGG CGACGCGAA ATCCACTTGC GAAAGGGCGA CGAGTGGAG

900 1000 1010 1020 1030 1040 1050
 TGTGCGAGTC TGGAAAGGCA CCGCTTAATAC AGAGATATTAG TGGCAATGAGG GTAGTCCGAG CAGAAGAT
 1060 1070 1080 1090 1100 1110 1120
 AGAGATCATTT AGCGGATTATC CGAACAGGAT CGCAAGCTAT GATTCCTTGCG CAGCTAGCGA CGATTAAC
 1130 1140 1150 1160 1170 1180 1190
 TGAACATCG AGAGATTTAG TGAACACCGA TATCTATGTT TCGGGAAAGG CTAGGGATC CTTTATAAC
 1200 1210 1220 1230 1240 1250 1260
 CATCACTATC AGAGGCTCA TCCAGGAAATC AGTCAGGAGA TGAACATGCC AGTACGGCGT ULTACGTT
 1270 1280 1290 1300 1310 1320 1330
 TAATAGGAG AGATTCGGGCT CTUCATACAG CGAACAGGAGA CCGCGATTTG CGTCAGGCG AGTCAGGAA
 1340 1350 1360 1370 1380 1390 1400
 ATGGAGGAA AGAGATATAA CGCAAGCTAG AGACCGTCAA CTACGAGCG AGCTATTCG AGTCATTT
 1410 1420 1430 1440 1450 1460 1470
 TTTCAGACTC TGTATATAAGA AGCGCTTAT AGCGGACAT AGTAAAGGCT AGGTGTTG
 1480 1490 1500 1510 1520 1530 1540
 ATCAAGGCG AGATTCAGAG GTAGGATCTC TAAATACCTT CGCACTACG CCAATTAAAG CACCAAA
 1550 1560 1570 1580 1590 1600 1610
 GATHAAAGCA CTTTGCCTA GTGTTACTTC AGTCAGGAGS GATACTCGA ACAAGCCCGA CGAAGGCG
 1620 1630 1640 1650 1660 1670 1680
 CGCAAGCTAG CGAACAGGAGA CGATCAATGG AGACTAGAGC TTTTAAGGAA GGTAAAGGAT CGAGCTG
 1690 1700 1710 1720 1730 1740 1750
 GACATTTTCG TAGGATTTGG CTCCATGGCT TGGGGAGACA TATCTATGAA AGTTATGGGG ATACTTGG
 1760 1770 1780 1790 1800 1810 1820
 AGCAAGGAGA CGCATAATAAG CAATTCTGCA ACAACTGCTG TTTATCCATT TTCACAGATTC GGTGTCGAG
 1830 1840 1850 1860 1870 1880 1890
 TAUCAGAGTA GGCGTTACTC GACAGAUGAG AGCAAGAAAT CGAACGAGCA GATCCTAGAG TACAGGCC
 1900 1910 1920 1930 1940 1950 1960
 AGGUATCCAG GAAGTCAGCC TAAAGCTGCT TGTACCAATT CCTATGTTAA AAAGTGTTCG T11CATTG
 1970 1980 1990 2000 2010 2020 2030
 AAGTTTGTTC CATAACAAAAA CGCTTAGGCA TCCTCTATGS CGGGAGGAG CGGAGACAGC GAGGAGA
 2040 2050 2060 2070 2080 2090 2100
 CGCTCAABGC AGTCAGACTC ATCAAGTTTC TCTATGAAAG CAGTAAAGTAC TACATGTAAT CGACGCTA
 2110 2120 2130 2140 2150 2160 2170
 CGAATGCGA TAACTAGGATT AGTGTACCA ATAATAATAAG CAGTAACTTGT GGGGTCCATA CGACGCTA
 2180 2190 2200 2210 2220 2230 2240
 AGATATAAGA GATATTAAAGA CAAAGAGAGGA TAGACAGGTT AATTGATAGA CTAATGAAAG GAGGAGA
 2250 2260 2270 2280 2290 2300 2310
 CGCTGGAGAT GAGAGTGAAG GALAGATATC AGCACTGTC GAGATGGGCC TGGGAGATC GAGGAGA
 2320 2330 2340 2350 2360 2370 2380
 GGTGGGAGTG AGTATGATC CTAGTGCAC AGAAAGATTC TGGGTCAAGG TGTATTTG GAGGAGA

990 1000 1010 1020 1030 1040 1050
 TGTGCGAGTC TGGAGGCGA CTTTATTAAC AGAGATGATA GAGCGCTTAA GTAGTCGCA ACGAGATC
 1060 1070 1080 1090 1100 1110 1120
 AACGATCATT AGCGATTATC GGAACGAGAT CGGAGCTGAT CATTGTTGCG CAACTGAGCA CTAATGCG
 1130 1140 1150 1160 1170 1180 1190
 TGAACGATCG AGAACATTAG TGAACGACCA TATGTTGTT TCGGGAAAG CTAGGGGAT CTTTATAC
 1200 1210 1220 1230 1240 1250 1260
 CATCACTATG AAAGCCCTCA TCCGAGATA AGTCAGAGAG TGAAGATGCC AGTGGGGAT GCTGCGT
 1270 1280 1290 1300 1310 1320 1330
 TAATGAGAC TATATGCGCTT CTGCGATACAG GCGAGGAGA CCGCGATTC AGTCAGGCC TTYCCATAC
 1340 1350 1360 1370 1380 1390 1400
 ATCGAGGAA AGAGATATAA CGACAGAGT AGACCGCAA CTACGAGAC AGTATTCG TGTGTTT
 1410 1420 1430 1440 1450 1460 1470
 TTGACTGTT TTAGCGATC TGTATAGAG AAGCGCTTAT TAGACGATC AGTAACTGCT AGGTGTCG
 1480 1490 1500 1510 1520 1530 1540
 ATCGAGGAA ACATAGCAAG GTAGGATCTC TACAATACCT CGCACTAGCA CGATTAATAA CACGAAA
 1550 1560 1570 1580 1590 1600 1610
 GAGAAAGCGA CCTTGCCTA GTGTTACTGA AGTCAGAGAU GATACTGAGA ACAAGCCCGA GAAAGCC
 1620 1630 1640 1650 1660 1670 1680
 CGCCGAGA GCGACGCGA CAATGATGG AGACTGAGC TTTTAAGGA GCTTAAAGAT CGACGCT
 1690 1700 1710 1720 1730 1740 1750
 GACATTTTCG TAACTTTGG CTCCAIGGC1 TAGCGAGAC TATCTGAA AGTTATGGG ATACTTGG
 1760 1770 1780 1790 1800 1810 1820
 AGCGATGAGA CGCATATAAC CAATTCTGCA ACAACTGCTG TTTATCCATT TTCAGCATTC GGTGCGAG
 1830 1840 1850 1860 1870 1880 1890
 TACGAGATA GCGGTTACTC GACAGAUGAG AGCAAGAAAT CGAUCGAGCA GATCCTAGAC TAGAGGCC
 1900 1910 1920 1930 1940 1950 1960
 AGGUATCGAG GAAGTCAGCC TAAACTGCT TGTACCAATT CCTATIOTAA AAAGTGTTCG T1TCATTG
 1970 1980 1990 2000 2010 2020 2030
 AGGTTTGTGTT CATAACAAAA CGCTTAGGCA TCTCCTATGG CGGAAAGAG CGGAGACAGC GAGGAAG
 2040 2050 2060 2070 2080 2090 2100
 CCTCGAAGGC AGTCAGACTC ATCAAGTTTC TCTATGAAAG CAGTAACTGAG TACATGTAAT CGACGCTA
 2110 2120 2130 2140 2150 2160 2170
 CGAAATGCAAG TACTAGGATT AGTATGTCAC ATAATTAATAC CGATGTTTGT GCGGTCGATA CGATGCG
 2180 2190 2200 2210 2220 2230 2240
 AGTATGAGA AGTATTGAGA CGAGGAGAGA TAGACAGGTT ATTGCGTACA CGATGAGAA
 2250 2260 2270 2280 2290 2300 2310
 CGCTGGGAAAT GAGACTGAGAG GALAGATATC AGGACTGTC GAGATCGGCC TCGAGATC
 2320 2330 2340 2350 2360 2370 2380
 CCTTGGGATG TGTGTTATC GTAGTCGAC AGGAAAGATTC TGCGTCAGAG TGTATTTG

2000 1000 1010 1020 1030 1040 (B) 1050
 TCGGCGGGTGTGAGGCGA GATGTTAAACG AGAGCTGATG TGCGCTTGAA GTAGTCGCCA GAGGAGAA
 1060 1070 1080 1090 1100 1110 1120
 AGACATCATT AGCGGTTTATG GAGAACGATG CGCGAGCTGA TATTCATGTT GATTCATGCG CAGTCAGCA GCAATGAG
 1130 1140 1150 1160 1170 1180 1190
 TGCAGCATGG AGAACTTAAAG TGAACGACCA TATGTAATTT TGCGGAAAG CTAGGGGATG GTTTAAAC
 1200 1210 1220 1230 1240 1250 1260
 GATCAGTATG AGAGCGCTCA TCCAGACATG AGTTCAGAG AGTACATGCC AGTAGGGATG GTCAGGATG
 1270 1280 1290 1300 1310 1320 1330
 TATGAGACG ATATTCGGGT CTUCATACAG GAGAAAGAGA CCGGCGTTG AGTCAGGGAG TGTGCAAAAG
 1340 1350 1360 1370 1380 1390 1400
 ATGGAGGAA AGAGGATATA AGAGACGAGT AGACCGTCA AGAGGAGCC AGTATATTCG TGTGTTAA
 1410 1420 1430 1440 1450 1460 1470
 TTTCAGACTG TGTGATAGAA AGACGCTTAT AGCGGACATG AGTTCAGGCT AGCTGTTG
 1480 1490 1500 1510 1520 1530 1540
 ATCGAGCGAG AGATAGCAAG GTAGGATGTC TAGAATACCTT CGCACTACCA CGATTAATAA GACGAAAG
 1550 1560 1570 1580 1590 1600 1610
 GATGAAAGCA CGTTTGCTA GTGTTACTTA AGTCAGAGAU GATGAGATGA AGAAGGGCCA GAGAGGCG
 1620 1630 1640 1650 1660 1670 1680
 CGCCGAGAGA CGCGGCGACA CAATGATGG AGACTAGAGC TTTTACGGG GGTTCAGATG GAGGCTG
 1690 1700 1710 1720 1730 1740 1750
 GACATTTTCG TAGGATTTGG CTCCAAAGGC TAGGAGAGA TATCTATGAA AGTTATGGG AGTACTTGG
 1760 1770 1780 1790 1800 1810 1820
 AGCGATGGAA CGCTATATAA GAATTGTCA AGAACTGCTG TTTATCCATT TTCAGAATTC GGTGTCGAI
 1830 1840 1850 1860 1870 1880 1890
 TAACGAGATA GGCGTTACTC GAGGAGAGG AGCGAGAAAT GGAUCCAGCA GATCTAGAG TAGAGGCG
 1900 1910 1920 1930 1940 1950 1960
 AGGUATECGAG GAAAGTCAGCC TAAAAGTGCT TGTACCAATT CCTATGTTAA AAAGTGTTCG TITCATTG
 1970 1980 1990 2000 2010 2020 2030
 AGGTTTGTGTT CATAACAAAA CGCTTAGGGA TGTGCTATGG CAGGAGAGAG CGGAGAGAGC GAGGAGA
 2040 2050 2060 2070 2080 2090 2100
 CGCTCAAGGC AGTCAGACTC ATCAAGTTTC TGTATGAAAG CGATGATGAG TACATGTAAT CGACGCTA
 2110 2120 2130 2140 2150 2160 2170
 GAAATAGCAA TGTAGGCTT AGTAGTACCA ATAATAATAAG CGATGTTTGT GGTGTCGATA TGTGATG
 2180 2190 2200 2210 2220 2230 2240
 AGATATAUGAA GATATTAAGA CAGAGAAAGAA TAGACAGGTT AATTCATAGA CGATGAGAA GAGGAGA
 2250 2260 2270 2280 2290 2300 2310
 CGATGCGAAAT GAGAGTGAAG GAGAGATATC AGCACTGTC GAGATGCGGC TGTGATGTT AGTACG
 2320 2330 2340 2350 2360 2370 2380
 GATTCGAGATG TGTGATGATC CGATGCGTAC AGAAAGATTC TGTGATGAG TGTGATGTT AGTACG

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(C)

2400 2400 2410 2420 2430 2440 2450
TGAAACGAG CAAACCCAC TCTATTTCTT GGTTCAGATG CTAACCGATA TGATACAAAGG CGTACATAAT
2460 2470 2480 2490 2500 2510 2520
CTTTCGGGAA CACATGCCG, TCTACCCACA GACCCCGACG CGAGAGAGCT AGTATTCGTA AT-TCTGAGCG
2530 2540 2550 2560 2570 2580 2590
AATAATTTTA CATGTCGAAA AATGAGATG TAGAACGAGT GGTACGGAT AATATCATTT TATGGATTA
2600 2610 2620 2630 2640 2650 2660
AAGCTTACG CGTCTGTATG AATTAAACCCC ACTTGTGTTT AGTITAAAGT GCACTTGTGTT GAAAGGAGAT
2670 2680 2690 2700 2710 2720 2730
ACTAATACG ATAGTACGAG CGGGACGATG AATATGGAGA AGGAGAGAT GAAAGACTGC TTTTCAGATG
2740 2750 2760 2770 2780 2790 2800
TCTGGGAGG CATAAGAGGT AAGGTGGAA AAGGAATATGC ATTTTTTTAT AACCTTGTAA TGTATGGAT
2810 2820 2830 2840 2850 2860 2870
AGATATGAT ACTACGAGCT ATACGTTGAC AGCTTGTAGC ACC1AGCTCA TTACACAGTC C1G1CCAAAG
2880 2890 2900 2910 2920 2930 2940
GATGCTTG AGCCATTGC CATACTATTAT TGTCCCCCGG, CTGGTTTTGC GATTCTAAAG TGTATGATA
2950 2960 2970 2980 2990 3000 3010
AAGUGTTAA TGTAAACAGAA CGATGTACAA ATLTGTGAC AC1TGATGT ACACATEGAA TTACGCGAGT
3020 3030 3040 3050 3060 3070 3080
AGTATGAGT CACTGCTGT TAAATGCCAG TCTACCCAGA GAGAGCTAG TAATTAGATC TGTATGTTG
3090 3100 3110
ACGGACAGTC CTAACCGAT AGTACGAGC CT

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(C)

2310 2400 2410 2420 2430 2440 2450
TGGAAAGGAA CAAACAUCAAC TCTATTTTGT GCGTCAGATG CTAACCCATA TGATACAAAGA GGTACATAAT
2460 2470 2480 2490 2500 2510 2520
CTTTCGGGAA CACATGCCG, TGTACCCACA GACCCCGCC CCGAGAACT AGTATTCGTA ATGTCAGCG
2530 2540 2550 2560 2570 2580 2590
AAAATTTTAATGIGGAAA AATGACATGAG TAGAACAGAT GGTACGGAT ATAATCATTT TATGCGAATG
AGCGTAAAG CGATGTGATG AATTGACCCC ACTTGTGTTT AGTITAGACT GCACTGTTT GAGGAGGAT
2600 2610 2620 2630 2640 2650 2660
AGTAAATGCG ATAGTACTAG CGGAACTGAT ATAATGAGA TGGCGGAGAT GAAAGACGTC TTTTGATTA
2670 2680 2690 2700 2710 2720 2730
ATGAAATGCG CATAAGAGGT AGGTGGAA AAGAATATGC ATTTTTTAT AACCTTGTA TGAATACCGT
2740 2750 2760 2770 2780 2790 2800
TGGGGAGGAA CATAAGAGGT AGGTGGAA AAGAATATGC ATTTTTTAT AACCTTGTA TGAATACCGT
2810 2820 2830 2840 2850 2860 2870
AGTAAATGCG ATAGCCTGAC AGTTTGAGC ACC1CAGTC TTACACATGC C1G1CCAAAG
2880 2890 2900 2910 2920 2930 2940
GATGCGTTG ACCGAAATTGC CATACTTAT TGTGGGGGGG CTGGTTTTGC GATTCTAAAG TGTAACTTGA
2950 2960 2970 2980 2990 3000 3010
AGGCGTTGAA TGTAAAGGAA CGATGTGAA ATGTCAGCG AGTGTGATGT ACACATGGAA TTACACATGC
3020 3030 3040 3050 3060 3070 3080
AGTATGACT CAACTGCTGT TAAATGCCAG TGTACCAAG GAGGAGCTAG TAATTAGATC TGTGCGTTG
3090 3100 3110
ACGGACAAATG CTAACCCAT ATAGTACAG CT

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(C)

2310 2400 2410 2420 2430 2440 2450
TGGAGGAGG CAAACACAC TCTATTTCT GGTCAAGATG CTAAGACATA TGATACAAAG GGTACATAAT
2460 2470 2480 2490 2500 2510 2520
GTTTGCGGAA CACATGCCG, TGTACCCACA GGGCCGAGG CCGAGGAACT AGTATTCGTA ATGTCAGCG
2530 2540 2550 2560 2570 2580 2590
AAAATTTTAATG1GGAAA AATGACATG TAGAACAGGT GGTACGGAT ATGATCATTT TATGGATTA
2600 2610 2620 2630 2640 2650 2660
AAGCTTACG CTTCTCTTA AATTAAACCC ACTTGTGTTT ATGTTAACTG GGTCTTATG GAGGAGCAT
2670 2680 2690 2700 2710 2720 2730
ACTAATACG ATAGTACGAG CGGGACGATG ATGATGAGA AGGAGGAGT GAAAGACTG TTCTTCATTA
2740 2750 2760 2770 2780 2790 2800
TGGGAGGAGG CATAACAGGT AAGGTCGAAG AAGAATATACG ATTTTTTAT AACCTTGTA TGAATACCGAT
2810 2820 2830 2840 2850 2860 2870
AGTATTAATG ACTACCCAGT ATACGTTGAC AGCTTGTAAC ACC1CAGTC TTACACATGC C1G1CCBAGG
2880 2890 2900 2910 2920 2930 2940
GTAACCTTG AGGCAATTCC CATACTTAT TGTGGGCGG CTCGTTTTGC GATTCTAAAG TGTAGTAA
2950 2960 2970 2980 2990 3000 3010
AAGGCTTAA TGTAAACAGGA CCAATUTACAA ATGTCAGCAC AGTACCAATG ACACATGGAA 114000 CAGT
3020 3030 3040 3050 3060 3070 3080
AGTATCACT CAACTGCTGT TAAATCCAG TGTACCAAG GAAAGCGTAG TAATTAGACG TGTCAATTC
3090 3100 3110
ACGGACAGT GAAACCGAT ATAGTACAG CT

FIGURE 4

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